

Converting Colors

XYZ(34.1994, 35.2245, 7.4813)

Have a look what the booklet for
XYZ(34.1994, 35.2245, 7.4813)
contains.

XYZ(34.1003, 35.1729, 7.4744)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.1003, 35.1729,
7.4744)**

Conversions

Conversions Part 1

Format	Color
Hex	C09C2D
RGB	192, 156, 45
RGB Percent	75%, 61%, 18%
CMY	0.2471, 0.3882, 0.8235
CMYK	0.00, 0.19, 0.77, 0.25
HSL	45°, 62%, 46%
HSV	45°, 77%, 75%
XYZ	34.1003, 35.1729, 7.4744
YIQ	154.1100, 57.0870, -26.8890

Conversions

Conversions Part 2

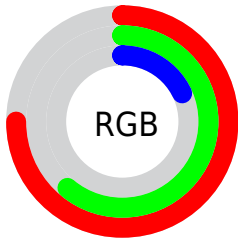
Format	Color
RYB	93, 192, 45
Decimal	12622893
CIELab	65.88, 2.34, 59.29
CIELCh	66, 59.333, 87.739
Yxy	35.1729, 0.4443, 0.4583
Android (android.graphics.Color)	4290812973 (0xFFC09C2D)
YUV	154.1100, -53.7912, 33.2295
Hunter-Lab	59.3067, -1.1525, 34.0424

Details

The XYZ color **34.1003, 35.1729, 7.4744** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **13.5389, 10.2482, 51.1331**, and the grayscale version is **30.9757, 32.5889, 35.4893**.

A 20% lighter version of the original color is **65.4436, 67.6895, 21.4205**, and **14.8831, 15.1715, 2.1440** is the 20% darker color. If you saturate the color by 10%, you get **33.0379, 33.5113, 5.6929**, and if you desaturate by 10%, it is **35.3629, 36.9662, 10.1523**.

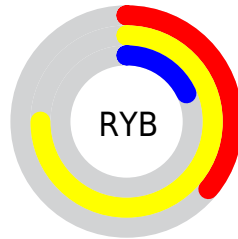
Distribution



Red (75%)

Green (61%)

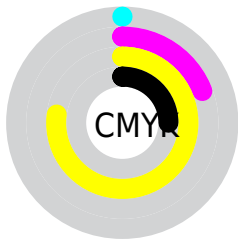
Blue (18%)



Red (36%)

Yellow (75%)

Blue (18%)

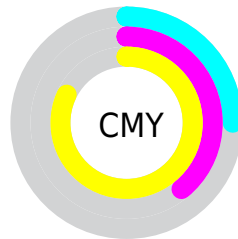


Cyan (0%)

Magenta (19%)

Yellow (77%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1003, 35.1729, 7.4744 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.1003, 35.1729, 7.4744 by changing the saturation by 10% instead.


 34.1003, 35.1729,
7.4744


 34.1003, 35.1729,
7.4744


312.1571,
325.3308, 181.3272


 23.1339, 23.7961,
3.6776


 65.4329, 67.7535,
21.4503


 14.8137, 15.1824,
1.4502


 86.5298, 89.7261,
32.4665

 8.7742, 8.9475,
0.1804


 111.7342,
115.9995, 46.7263

 4.6501, 4.7070,
0.0000

 141.4116,
146.9579, 64.6481

 2.0761, 2.0764,
0.0000

 175.9272,
182.9859, 86.6506

 0.6762, 0.6513,
0.0000

 215.6464,

 0.0000, 0.0000,

224.4678, 113.1522

0.0000

260.9346,
271.7880, 144.5716

■ 34.1003, 35.1729,
7.4744

■ 34.1003, 35.1729,
7.4744

■ 33.0379, 33.5113,
5.6929

■ 35.3629, 36.9662,
10.1523

■ 32.1462, 31.9649,
4.6652

■ 36.8438, 38.8949,
13.8312

■ 31.8612, 31.4528,
4.3917

■ 38.5616, 40.9682,
18.6032

■ 40.5319, 43.1930,
24.5495

■ 42.7689, 45.5754,
31.7435

■ 45.2858, 48.1213,
40.2526

■ 48.0948, 50.8359,
50.1395

■ 51.2072, 53.7244,
61.4626

■ 54.6339, 56.7915,
74.2771

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.2619, 35.1729, 10.2578



34.1003, 35.1729, 7.4744



26.1813, 35.1729, 9.4865

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.1003, 35.1729, 7.4744



20.6186, 35.1729, 65.4549



49.8109, 35.1729, 70.2852

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.1003, 35.1729, 7.4744



13.5389, 10.2482, 51.1331

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.9083, 35.1729, 98.9018



34.1003, 35.1729, 7.4744



25.2147, 35.1729, 95.3596

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.1003, 35.1729, 7.4744



19.2553, 35.1729, 36.4239



32.7701, 35.1729, 109.6434



53.2660, 35.1729, 40.2338

Rectangle

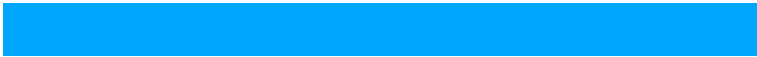
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.1003, 35.1729, 7.4744



22.4409, 35.1729, 14.1380



32.7701, 35.1729, 109.6434



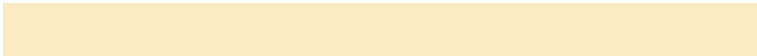
47.5256, 35.1729, 80.8124

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.1011, 35.1746, 7.4751



78.8953, 84.0209, 62.1747



24.1901, 13.6889, 9.3007



16.5837, 17.6731, 12.2020



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.1011, 35.1746, 7.4751



58.7185, 58.7636, 8.9092



32.8888, 44.8817, 9.4126



10.6978, 11.3270, 10.6844



21.5030, 21.2917, 2.9764



0.9803, 1.0225, 0.1457

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.5389, 10.2482, 51.1331



20.1323, 12.2531, 91.6643



13.9111, 7.4656, 50.5764



9.7242, 10.1397, 12.7295



7.1388, 4.0342, 33.9590



0.3647, 0.2869, 1.4860

Previews

White Background



This preview shows how the XYZ color 34.1003, 35.1729, 7.4744 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.1003, 35.1729, 7.4744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1003, 35.1729, 7.4744

Background



This preview shows how black text looks on a background with the XYZ color 34.1003, 35.1729, 7.4744.



This preview shows how white text looks on a background with the XYZ color 34.1003, 35.1729,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.1003, 35.1729, 7.4744

Protanopia

32.0604, 35.3903, 7.7260

Deuteranopia

35.8287, 35.0792, 7.5719



Tritanopia

40.1841, 35.2715, 36.5884

Trichromacy



Original Color

34.1003, 35.1729, 7.4744

Protanomaly

32.6584, 35.1839, 7.6547

Deuteranomaly

35.1731, 34.9855, 7.4838

Tritanomaly

37.0847, 34.9440, 21.3133

Monochromacy



Original Color

34.1003, 35.1729, 7.4744

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.9071, 32.9824, 20.6569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1003, 35.1729, 7.4744 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 156, 45)` looks like.

```
.text, #text, p{  
    color:rgb(192, 156, 45)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 156, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 156, 45) }
```

Border

The CSS property to change the border of an element to XYZ 34.1003, 35.1729, 7.4744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 156, 45) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(192, 156, 45) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(192, 156, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 156, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 156, 45);  
box-shadow:4px 4px 4px 4px rgb(192, 156,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1003, 35.1729, 7.4744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 156, 45) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
156, 45) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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